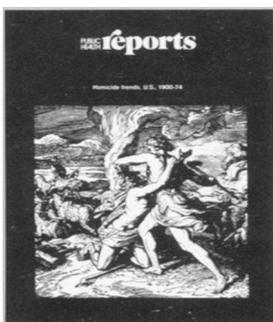


# The National Health Planning & Resources Development Act



Cover—Components of the rising homicide rates in the United States and the changing patterns of homicide are the subject of the paper by A. Joan Klebba, which begins on page 195. The old woodcut on the cover depicts Cain slaying Abel, possibly the first reported homicide. Print courtesy of the Bettmann Archives

□ The National Health Planning and Resources Development Act is a vehicle that may help us arrive at a more rational means of planning for the delivery of responsive health services. The health systems agencies called for by the act will be responsible for developing a health services plan for areas with populations between 500,000 and 3 million, although there are some exceptions because of geography and political boundaries.

□ These agencies will review and approve applications for Federal dollars to support and develop health resources within that area. By setting up a locally oriented planning group and giving it authority to approve applications for Federal funds under the auspices of the plan, we in the Health Resources Administration hope that local decisions about the health system of any particular area will be made on the basis of a realistic assessment of the need and the capabilities within that area. In addition, development funds may be made available to the area health systems agencies to be used in helping to achieve the objectives of their approved plans.

□ As an experiment in regulation, the Secretary of Education, and Welfare will be able to award grants to States, on a demonstration basis, to see how rate regulation can be carried out and, through contracts, HEW will assist five public or nonprofit institutions in developing and operating multidisciplinary health care centers.

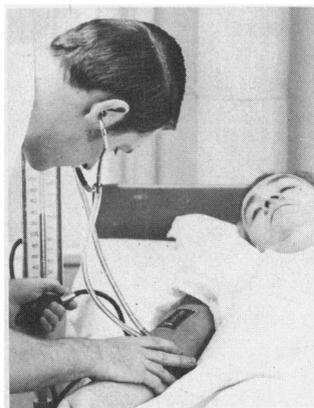
□ I believe the new health legislation gives us the means and the tools to create the kind of service systems that are efficient and responsive to all Americans.

A handwritten signature in dark ink, appearing to read "K M Endicott". The signature is fluid and cursive, written in a professional style.

Kenneth M. Endicott  
Administrator

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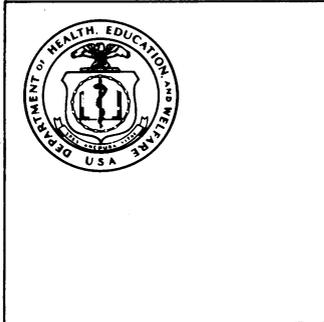
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*Address correspondence to:*  
Editor, Public Health Reports  
Room 10A-41, Parklawn Bldg.  
5600 Fishers Lane  
Rockville, Md. 20852  
Telephone:  
Area code 301-443-2525



U.S. Department of Health,  
Education, and Welfare  
Public Health Service  
Health Resources Administration

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# education notes

Announcements for publication should be forwarded to *Public Health Reports* 6 months in advance of the deadline date for application for admission or financial aid, whichever is earlier.

**Training courses at the Center for Disease Control in 1975.** In the last half of 1975, the Center for Disease Control (CDC) is offering the following courses on some aspect of disease control or prevention, (listed with the coordinating office of CDC, dates, title, and fee). Because of varying requirements governing admission to courses, the appropriate office within the Center should be contacted for further information.

*Coordinating Office—Laboratory Training Branch, Bureau of Laboratories*

- July 14–25—Laboratory methods in medical mycobacteriology, \$260.
- July 28–Aug. 22—Laboratory methods in general medical mycology, \$520.
- Aug. 4–8—Laboratory diagnosis of mycoplasma infections, \$130.
- Sept. 9–12—Microbiology of the hospital environment, \$104.
- Sept. 10–12—Laboratory methods for the diagnosis of gonorrhea, \$78.
- Sept. 15–26—Fluorescent antibody methods in the diagnosis of syphilis, \$260.
- Sept. 16–19—Microbiology of the hospital environment, \$104.
- Sept. 22–26—Laboratory methods in the detection of rabies, \$130.
- Sept. 22–26—Laboratory methods in special medical bacteriology, \$130.
- Sept. 29–Oct. 1—Basic spectrophotometry, \$78.
- Sept. 29–Oct. 3—Principles of complement fixation, \$130.
- Sept. 29–Oct. 3—Current laboratory methods in the diagnosis of syphilis, \$130.
- Oct. 2–3—Kinetic assay of enzymes, \$52.
- Oct. 6–9—Basic laboratory methods in the detection of hemoglobinopathies, no fee.
- Oct. 6–10—Laboratory diagnosis of herpesvirus infections, \$26 per day.
- Oct. 27–Nov. 7—Laboratory methods in anaerobic bacteriology, \$260.
- Oct. 29–31—Laboratory methods for the diagnosis of gonorrhea, \$78.
- Nov. 3–7—Gas liquid chromatography, \$130.
- Nov. 3–7—Current laboratory methods in the diagnosis of syphilis, \$130.
- Nov. 3–14—Basic laboratory methods in virology, \$260.
- Nov. 10–14—Human blood cell morphology (basic), \$130.
- Nov. 10–21—Fluorescent antibody methods in the diagnosis of syphilis, \$260.
- Nov. 17–21—Clinical microbiology in control of nosocomial infections, \$130.
- Nov. 17–21—Laboratory screening for drugs of abuse, \$130.
- Dec. 1–5—Immunofluorescence methods in virology, \$26 per day.
- Dec. 1–5—Serodiagnosis of toxoplasmosis, rubella, cytomegalic inclusion disease, and herpes simplex, \$130.
- Dec. 1–12—Principles and bacterial application of fluorescent antibody techniques, \$260.
- Dec. 9–12—Continuous flow analysis, \$104.

*Coordinating Office—Tuberculosis Control Division, Bureau of State Services*

Aug. 4–8 and Oct. 20–24—Tuberculosis today, \$125.

*Coordinating Office—Bureau of Training*

November—Surveillance, prevention, and control of nosocomial infections, \$25 per student day.

Nov. 10–14—Principles of epidemiology, \$125.

*Coordinating Office—Bureau of Tropical Diseases*

Oct. 20–24—Control of mosquito-borne diseases, \$125.

All courses will be held at CDC Headquarters in Atlanta. For further information, contact the appropriate coordinating office at the Center for Disease Control, Atlanta, Ga. 30333 (telephone 404: 633-3311).

*Coordinating Office—National Institute for Occupational Safety and Health*

A separate announcement of training courses offered by the National Institute for Occupational Safety and Health can be obtained by contacting the Institute's headquarters, 5600 Fishers Lane, Rockville, Md. 20852 or the Institute's Division of Training, Room 9503, Federal Office Bldg., 550 Main St., Cincinnati, Ohio 45202.

**Women and Their Health.** The National Center for Health Services Research and the University of California School of Nursing, San Francisco, are co-sponsoring a conference on "Women and Their Health; Re-

search Implications for a New Era." The conference, open to the public, will be held August 1–2 in the university's Cole Hall.

**Management courses for health and human services executives.** The Executive Development Program, Department of Health Administration, School of Public Health, University of North Carolina at Chapel Hill, is offering mid-1975 management courses for health and human executives. Participants can register for a comprehensive module that will survey contemporary developments in the management and policy areas of health and other human services or for a comprehensive workshop module that will permit in-depth exploration of key management issues.

The comprehensive module will be offered twice—June 25–29 (\$264.74 for subsistence and tuition) and July 30–August 4 (\$238.25 for subsistence and tuition). The workshop module, for which the comprehensive module is a prerequisite, will be held August 4–19 (\$685, tuition and subsistence).

A limited number of scholarships are available. For further information, contact Dr. Morris Schaefer, Course Director, Department of Health Administration, School of Public Health, University of North Carolina at Chapel Hill, Chapel Hill, N.C. 27514.

**Laboratory biohazard and injury control courses.** Four courses in biohazard and injury control in the biomedical laboratory will be offered throughout the United States in 1975. They are designed for senior-level biomedical laboratory technicians, especially those engaged in viral oncology research.

The first course, which includes a laboratory session as well as lectures and discussions, will be held on the University of Minnesota's Minneapolis campus June 3–6. Courses consisting of lectures and discussions will be held at La Jolla, Calif., Sept. 23–25; at Houston, Tex., Oct. 29–31; and at Bethesda, Md., Dec. 9–11. The faculty, selected from institutions throughout the United States, presents topics such as disinfection and sterilization, animal containment, personnel motivation, primary and secondary barriers, and control techniques for biological, chemical, and radiological hazards.

The course is tuition-free so that the student's laboratory pays only for travel and living expenses. Enrollment is limited. For more information and application forms, write Donald Vesley, PhD, Associate Professor, School of Public Health, 1158 Mayo, University of Minnesota, Minneapolis, Minn. 55455.

## FEDERAL

The Respiratory Care Service. Functional programming worksheets. *DHEW Publication No. (HRA 74-4004. 1974; 43 pages; 85 cents; (Stock No. 1741-00071.)*

Projects for Intensive Infant Care. New hope for the newborn. *DHEW Publication No. (HSA) 74-5010. 1974; 14 pages; 70 cents.*

Dental Health Projects for Children. Demonstrations of preventive and remedial care. *DHEW Publication No. (HSA) 74-5009. June 1974; 12 pages.*

Equipment Guidelines for Ambulatory Health Centers. *DHEW Publication No. 75-6015. 1974; 34 pages.*

Space Guidelines for Ambulatory Health Centers. *DHEW Publication No. (HSA) 75-6014. 1974; 30 pages.*

A Limited Microwave Diathermy Field Survey. By Gideon Kantor, PhD, and Paul S. Ruggera. *DHEW Publication No. (FDA) 75-8018. December 1974; 15 pages.*

A Review of Photodynamic Therapy for Herpes Simplex: Benefits and potential risks. By Larry E. Bockstahler, C. David Lytle, and Kiki B. Hellman. *DHEW Publication No. (FDA) 75-8013. November 1974; 21 pages.*

Vital Statistics of the United States, 1970. Vol. II. Mortality, part A. *DHEW Publication No. (HRA) 75-1101. 1974; \$14.40. (Stock No. 1722-00352)*

Vital Statistics of the United States, 1971. Vol. II. Mortality, part B. *DHEW Publication No. (HRA) 75-1102. 1974; \$16.60. (Stock No. 1722-00358.)*

Vital Statistics of the United States, 1974. Vol. II, Section 5. Life Tables: 1972. (This issue includes revised tables for 1971.) *DHEW Publication No. (HRA) 75-1147. 1974.*

Selected References on Functional Programming, Equipping, and Designing Health Care Facilities. *DHEW Publication No. (HRA) 75-4008. December 1974; 46 pages.*

Soviet Research in Pharmacology and Toxicology, 1963-1972. A publication of the John E. Fogarty International Center for Advanced Study in the Health Sciences. By William H. Fitzpatrick, PhD. *DHEW Publication No. (NIH) 75-696. 1974; 322 pages; \$3.05. (Stock No. 1753-00030.)*

Books That Help Children Deal With a Hospital Experience. By Anne Altshuler, RN, MS. *DHEW Publication No. (HSA) 74-5403. 1974; 22 pages; 50 cents. (Stock No. 1731-0005.)*

The Health Consequences of Smoking, 1974. *DHEW Publication No. (CDC) 74-8704. January 1974; 124 pages; \$1.60. (Stock No. 1723-00087.)*

A Bibliography of Soviet Sources on Medicine and Public Health in the U.S.S.R. A publication of geographic health studies by the John E. Fogarty International Center for Advanced Study in the Health Sciences. Prepared under contract by Lee Perkins. *DHEW Publication No. (NIH) 75-773. 1975; 235 pages; \$3.20.*

## National Center for Health Statistics

Vision Test Validation Study for the Health Examination Survey Among Youths 12-17 years. *DHEW Publication No. (HRA) 74-1333, Series 2, No. 59. December 1973; 26 pages; 65 cents.*

Language and Adjustment Scale for the Thematic Apperception Tests for Youths 12-17 Years. *DHEW Publication No. (HRA) 75-1336, Series 2, No. 62. October 1974; 84 pages; \$1.50.*

Current Estimates From the Health Interview Survey, United States, 1973. *DHEW Publication No. (HRA) 75-1522, Series 10, No. 95. October 1974; 77 pages; \$1.45.*

Limitation of Activity and Mobility Due to Chronic Conditions, 1972. *DHEW Publication No. (HRA) 75-1523, Series 10, No. 96. November 1974; 56 pages; \$1.15.*

Skeletal Maturity of Children 6-11 Years, United States. *DHEW Publication No. (HRA) 75-1622, Series 11, No. 140. November 1974; 62 pages; \$1.25.*

Family Background, Early Development, and Intelligence of Children, 6-11 Years, United States. *DHEW Publication No. (HRA) 75-1624, Series 11, No. 142. August 1974; 42 pages; 85 cents.*

Body Dimensions and Proportions, White and Negro Children 6-11 Years, United States. *DHEW Publications No. (HRA) 75-1625, Series 11, No. 143. December 1974; 66 pages; \$1.30.*

**Federal publications listed are obtainable from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Orders should be accompanied by check or money order and should fully identify the publication. (Publications listed without prices may be obtained from the agency.)**

**The following publications are obtainable from the National Technical Information Service, Springfield, Va. 22151. Most publications listed are available in microfiche for \$2.25.**

Data Source Book for an Economic Analysis of Nurse Supply and Demand. Health manpower references. By Donald E. Yett. *DHEW Publication No. (HRA) 75-34. December 1974; 459 pages; \$11.50 (PB 238670/AS).*

The Area Resource File: A Manpower Planning and Research Tool. By Wilbert Williams. *DHEW Publication No. (HRA) 75-5. April 1974; 61 pages; \$4.25 (PB 238 788/AS).*

Nursing Personnel in Hospitals: 1972 Public Health Service Survey. Health manpower references. *DHEW Publication No. (HRA) 75-33. December 1974; 378 pages; \$10.25 (PB 239 475/AS).*

Career Patterns of Unaccepted Applicants to Medical School. Johns Hopkins University, School of Health Services. *DHEW Publication No. (HRA) 75-29. October 1974; 211 pages; \$7.25.*

Education Planning and Coordination of Health Occupations, 1971-1972. By John D. Wong. 70 pages; \$2.25 (PB 299 498/AS).

Improving Dental Health of Elementary School Children; A behavioral approach. By Orvis A. Harrelson. 192 pages; \$4.75 (PB 238 811/AS).

A Survey of the Nation's Physician Support Personnel Training Programs. By Thomas W. Dobmeyer, Lauries Sonderegger, and Aaron Louin. October 1974; 110 pages; \$5.25 (PB 239 048/AS).

Factors Affecting Staffing Levels and Patterns of Nursing Personnel. By Harry D. Levine and Joseph Phillip. 157 pages; \$6.25 (PB 239 207/AS).

The Supply of Health Manpower; 1970 Profiles and Projections to 1990. By Howard V. Stambler and Paul Schwab. *DHEW Publication No. (HRA) 75-38. October 1974; 237 pages; \$5.50 (PB 239 047/AS).*

Health Services Data System: 1-9; 1. Reliability and Validity of Survey Measures of Health Related Variables. *DHEW Publication No. (HRA) 75-40. November 1974; \$4.75 (PB 238 733/AS).*

Health Services Data System; 1-9; 2. Management Uses of Health Services Data. *DHEW Publication No. (HRA) 75-41. November 1974; \$4.75 (PB 238 734/AS).*

Health Services Data System: 1-9; 3. Ambulatory Care Data. *DHEW Publication No. (HRA) 75-42. November 1974; \$4.75. (PB 238 735/AS).*

Health Services Data System: 1-9; 4. The Family Health Survey. *DHEW Publication No. 75-43. November 1974; \$5.75 (PB 238 736/AS).*

Health Services Data System: 1-9; 5. Long-Term Care Data. *DHEW Publication No. (HRA) 75-44. November 1974; \$4.25. (PB 238 737/AS).*

Health Services Data System: 1-9; 6. ADMATCH and Its Uses in Health Services Planning and Management. *DHEW Publication No. (HRA) 75-45. November 1974; \$4.75. (PB 238 738/AS).*

Health Services Data System: 1-9; 7. Directory of Health Services Data Systems. *DHEW Publication No. (HRA) 75-46. November 1974; \$3.75. (PB 238 739/AS).*

Health Services Data System: 1-9; 8. The Uses of Census Data for Health Services Planning and Management. *DHEW Publication No. 75-47. November 1974; \$7. (PB 238 740/AS).*

Health Services Data System: 1-9; 9. A Manual to Implement the Community Funds Flow Financial Data System. *DHEW Publication No. (HRA) 75-48. November 1974; \$6.25. (PB 238 741/AS).*

Emergency Health System Planning: An annotated bibliography. By William F. Hamilton. *DHEW Publication No. (HRA) 75-49. January 1975; \$4.25. (PB 239 170/AS).*

Inservice Education: Consultation and Related Services for Nursing Home Personnel; Final report of a demonstration program project establishing a regional program of instructor/consultants for nursing homes. By Celeste Nodell, et al. *DHEW Publication No. (HRA) 75-53. December 1972; \$6.25. (PB 239 172/AS).*

Simulation of Hospital Subsystems: Terminal progress report. By John D. Thompson and Robert B. Fetter. January 1975; \$3.75 (PB 239 171/AS).

Getting It All Together (GIAT): Teaching Human Relationships and Communication Skills in Nursing Homes. By Celeste Nodell et al. *DHEW Publication No. 75-54. December 1972; \$4.75 (PB 239 176/AS).*

Nursing Home Trainer Program Information Service: A selected bibliography. By Celeste Nodell et al. \$5.75 (PB 239 180/AS).

Picturephone Project at the Illinois Mental Health Institutes. By Michael F. Flynn. *DHEW Publication No. 75-77. December 1974; \$3.75 (PB 239 182/AS).*

The Provision of Speech Therapy and Dermatology Consultations Via Closed Circuit Television. By Dean J. Seibert, Harold F. Pyke, and Charlotte J. Sanborn. *DHEW Publication No. 75-50. December 1974; \$4.25 (PB 238 603/AS).*

## WORLD HEALTH ORGANIZATION

The Training and Utilization of Feldshers in the USSR. A review prepared by the Ministry of Health of the USSR for the World Health Organization. *Public Health Papers No. 56. 1974; 52 pages; Geneva.*

The Teaching of Human Sexuality in Schools for Health Professional. Edited by D. R. Mace, R. H. O. Bannerman, and Dr. J. Burton. *Public Health Papers No. 57. 1974; 47 pages; Geneva.*

The Medical Assistant. An intermediate level of health care personnel. Proceedings of an international conference sponsored by the John E. Fogarty International Center for Advanced Study in the Health Sciences, National Institutes of Health, and the World Health Organization. Edited by Donald M. Pitcairn, MD, and Daniel Flahault, MD. *Public Health Papers No. 60. 1974; 171 pages; Geneva.*

The Use of Mercury and Alternative Compounds as Seed Dressings. Report of a Joint FAO/WHO meeting. *WHO Technical Report Series No. 555, FAO Agricultural Studies No. 95. 1974; 29 pages; Geneva.*

Evaluation of Certain Food Additives. Eighteenth report of the Joint FAO/WHO Expert Committee on Food Additives. *Technical Report Series No. 557, FAO Nutrition Meetings Report Series No. 54. 1974; 37 pages; Geneva.*

## NONFEDERAL

Who is the Nurse Practitioner? By Dorothy Ozimek, EdD, and Helen Yura, PhD. *Publication No. 15-1555. 1975; 6 pages; 50 cents. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.*

Faculty-Curriculum Development. Part IV. Unifying the Curriculum—The Integrated Approach. *Publication No. 15-1552. 1974; 46 pages; \$3.25. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.*

The Changing Role of the Hospital and Implications for Nursing Education. *Publication No. 16-1551. 1974; 48 pages; \$3.50. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.*

Problem-Oriented Systems of Patient Care. *Publication No. 21-1522. 1974; 240 pages; \$8.95. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.*

The Problem-Oriented System in a Home Health Agency—A Training Manual. *Publication No. 21-1554. 1974; 136 pages; \$4.95. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.*

Strategies for Effective Teaching—A Basis for Creativity. *Publication No. 16-1538. 1975; 195 pages; \$5.95. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.*

Developing Strategies to Effect Change. *Publication No. 52-1537. 1974; 44 pages; \$3.50. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.*

Health Education: A Programme Review. A report by the Director-General to the fifty-third session of the Executive Board. *WHO Offset Publication No. 7. 1974; 78 pages; Geneva.*

The Current and Future Use of Registers in Health Information Systems. By Eileen M. Brooke, MSC, DPA. *WHO Offset Publication No. 8. 1974; 43 pages; Geneva.*

Manual on Radiation Protection in Hospitals and General Practice. Vol. 1. Basic Protection Requirements. Jointly sponsored by ILO, IAEA, and WHO. By C. B. Braestrup and K. J. Vikterlof. 1974; 81 pages; Geneva.

1972 Evaluations of Some Pesticide Residues in Food. *WHO Pesticide Residues Series No. 2. 1973; 583 pages; Geneva.*

Handbook on Human Nutritional Requirements. *WHO Monograph Series No. 61. By R. Passmore, B. M. Nicol, and M. Narayana Rao in collaboration with G. H. Beaton and E. M. Demayer. 1974; 66 pages; Geneva.*

Slow Sand Filtration. By L. Huisman and W. E. Wood, FICE. 1974; 122 pages; Geneva.

**World Health Organization publications and information on prices may be obtained from Q Corporation, 49 Sheridan Ave., Albany, N.Y. 12210.**

Proceedings—Open Curriculum Conference 1, November 17-28, 1973. *Publication No. 19-1534. 1974; 154 pages; \$4.95. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.*

Family Planning—Today's Choices. By Dorothy Millstone. *Public Affairs Pamphlet No. 513. September 1974; 28 pages; 35 cents. Public Affairs Pamphlets, 381 Park Ave. South, New York, N.Y. 10016.*

Basic Concepts in Contraceptive Service Statistics. A data collection system for the family planning program. (In English and Spanish.) By Horacio F. Gutiérrez. 1974; 112 pages. *International Planned Parenthood Federation, Western Hemisphere Region, 111 Fourth Ave., New York, N.Y. 10003.*

Field Procedures in Water Microbiology. No. AB314. 1974; 16 pages. Millipore Intertech, Inc., P.O. Box 255, Bedford, Mass. 01730.

Infection Control in the Hospital. Third edition, 1974; 198 pages; \$6.50. (AHA Stock No. 2115.) *American Hospital Association, 848 North Lake Shore Dr., Chicago, Ill. 60611.*

Long-Term Care Facilities. Survey and plan for the Cleveland four-county area, 1974. December 1974; 50 pages. *Metropolitan Health Planning Corporation, 908 Northern Ohio Bank Bldg., Cleveland, Ohio 44113.*

Too Many Blacks Die From the Effects of High Blood Pressure. 1974. *Squibb Public Affairs, Box 4000, Princeton, N.J. 08540.*

**Order nonfederal publications from publisher or sponsoring agency.**